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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

5

Complete if Known

Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/I.V./	AA	US-5,998,031	04-27-1999	Crooke et al.	
	AB	US-6,107,094	08-22-2000	Crooke et al.	
	AC	US-5,013,830	05-07-1991	Eiko	
	AD	US-5,149,797	09-22-1992	Pederson	
	AE	US-5,220,007	05-15-1993	Pederson	
	AF	US-5,256,775	10-26-1993	Froehler	
	AG	US-5,366,878	11-22-1994	Pederson	
	AH	US-5,403,711	04-04-1995	Walder	
	AI	US-5,491,133	02-13-1996	Walder	
	AJ	US-5,565,350	10-15-1996	Kmiec	
	AK	US-5,623,065	04-22-1997	Cook	
	AL	US-5,652,355	07-29-1997	Metelev	
	AM	US-5,652,356	07-29-1997	Agrawal	
	AN	US-5,700,922	12-23-1997	Cook	
	AO	US-4,981,957	01-01-1991	Lebleu	
	AP	US-5,118,800	06-02-1992	Fung	
V	AQ	US-5,319,080	06-07-1994	Leumann	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date/Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/I.V./	AR	WO 00/44895	08-03-2000	Kreutzer, et al.		
	AS	WO 00/49035	08-24-2000	General Hospital		
	AT	WO 00/63364	10-26-2000	Am. Home Prod.		
	AU	WO 01/36641	05-25-2001	Chiron Corp		
	AV	WO 01/36646	05-25-2001	Cancer Res. Campaign Tech.		
	AW	WO 99/32619	07-01-1999	Carnegie Inst.		
	AX	WO 00/44914	08-03-2000	Med. Coll. of Georgia		
	AY	WO 01/29058	04-26-2001	Univ of MA		
V	AZ	WO 01/75164	10-11-2001	Whitehead Inst.		

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
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Sheet	2	of	5
		Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)
		Filing Date	February 20, 2005
		First Named Inventor	Brian A. Kraynack
		Art Unit	To Be Determined
		Examiner Name	To Be Determined

U.S. PATENT DOCUMENTS

CITED PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/J.V.	BA	US-5,359,044	10-25-1994	Cook	
	BB	US-5,393,878	02-28-1995	Leumann	
	BC	US-5,446,137	08-29-1995	Maag	
	BD	US-5,466,786	11-14-1995	Buhr	
	BE	US-5,514,785	05-07-1996	Van Ness	
	BF	US-5,519,134	05-21-1996	Acevedo	
	BG	US-5,567,811	10-22-1996	Misura	
	BH	US-5,576,427	11-19-1996	Cook	
	BI	US-5,591,722	01-07-1997	Montgomery	
	BJ	US-5,597,909	01-28-1997	Urdea	
	BK	US-5,610,300	03-11-1997	Altmann	
	BL	US-5,627,053	05-06-1997	Usman	
	BM	US-5,639,873	06-17-1997	Barascut	
	BN	US-5,646,265	07-08-1997	Mcgee	
	BO	US-5,658,873	08-19-1997	Bertsch-Frank	
	BP	US-5,670,633	09-23-1997	Cook et al.	
V	BQ	US-5,792,747	08-11-1998	Schally	
	BR	US-5,700,920	12-23-1997	Altmann	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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Sheet 3 of 5

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Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
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Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.	Document Number Number - Kind Code ² (if known)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/I,V,J	BS	US-4,828,979	05-09-1989	Klevan	
	BT	US-4,948,882	08-14-1990	Ruth	
	BU	US-5,218,105	06-08-1993	Cook	
	BV	US-5,525,465	06-11-1996	Haralambidis	
	BW	US-5,541,313	07-30-1996	Ruth	
	BX	US-5,545,730	08-13-1996	Urdea	
	BY	US-5,552,538	09-13-1996	Urdea	
	BZ	US-5,578,717	11-26-1996	Urdea	
	CA	US-5,580,731	12-03-1996	Chang	
	CB	US-5,591,584	01-07-1997	Chang	
	CC	US-5,109,124	04-28-1992	Ramathandran	
	CD	US-5,118,802	06-02-1992	Smith	
	CE	US-5,138,045	08-11-1992	Cook	
	CF	US-5,414,077	05-09-1995	Lin	
	CG	US-5,486,603	01-23-1996	Bahr	
	CH	US-5,512,439	04-30-1996	Homes	
	CI	US-5,578,718	11-26-1996	Cook	
	CJ	US-5,608,046	03-04-1997	Cook	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

U.S. PATENT DOCUMENTS

Examiner Initiates *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓ T.V.J.	CK	US-4,587,044	05-06-1986	Miller	
	CL	US-4,605,735	08-12-1986	Miyoshi	
	CM	US-4,667,025	05-19-1987	Miyoshi	
	CN	US-4,762,779	08-09-1988	Saitman	
	CO	US-4,789,737	12-06-1988	Miyoshi	
	CP	US-4,824,941	04-25-1989	Gordon	
	CQ	US-4,835,263	05-30-1989	Nguyen	
	CR	US-4,876,335	10-24-1989	Yamane	
	CS	US-4,904,582	02-27-1990	Tullis	
	CT	US-4,958,013	09-18-1990	Letsinger	
	CU	US-5,082,830	01-21-1992	Brakel	
	CV	US-5,112,963	05-12-1992	Pleles	
	CW	US-5,214,136	05-25-1993	Lin	
	CX	US-5,082,830	01-21-1992	Brakel	
	CY	US-5,245,022	09-14-1993	Weis	
	CZ	US-5,254,469	10-19-1993	Warren	
	DA	US-5,258,506	11-02-1993	Urdea	
	DB	US-5,262,536	11-16-1993	Hobbs	
	DC	US-5,272,250	12-21-1993	Spielvogel	
	DD	US-5,292,873	03-08-1994	Rokita	
	DE	US-5,317,098	05-31-1994	Shizuya	
	DF	US-5,371,241	12-06-1994	Brush	
	DG	US-5,391,723	02-21-1995	Priest	
	DH	US-5,416,203	05-16-1995	Letsinger	
	DI	US-5,451,463	09-19-1995	Nelson	
	DJ	US-5,510,475	04-23-1996	Agrawal	
	DK	US-5,512,667	04-30-1996	Reed	
	DL	US-5,514,755	05-07-1996	Van Ness	
	DM	US-5,565,552	10-15-1996	Magda	
	DN	US-5,567,810	10-22-1996	Weis	
	DO	US-5,574,142	11-12-1996	Meyer	
	DP	US-5,585,481	12-17-1996	Arnold	
	DQ	US-5,587,371	12-24-1996	Sessler	
	DR	US-5,595,726	01-21-1997	Magda	
	DS	US-5,597,699	01-28-1997	Linn	
	DT	US-5,599,923	02-04-1997	Sessler	
	DU	US-5,599,925	02-04-1997	Torii	
	DV	US-5,668,941	11-18-1997	Cook	

Examiner
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Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	10/561,324
Filing Date	February 20, 2005
First Named Inventor	Brian A. Kraynack
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	ISIC0035-100 (CHEM0021 USA)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.V.J	DW	Boutila et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in <i>Drosophila</i> ," <i>Curr Biol</i> (2001) 11(22):1776-1780.	
	DX	Brantl "Antisense-RNA regulation and RNA interference," <i>Biochmica et Biophysica Acta</i> (2002) 1573(1-3):15-25.	
	DY	Chiu et al., "siRNA function in RNAi: a chemical modification analysis," <i>RNA</i> (2003) 9:1034-1048.	
	DZ	Elbashir et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs," <i>Genes Dev</i> (2001) 15(2):188-200.	
	EA	Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> (2001) 411(6836):494-498.	
	EB	Elbashir et al., "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," <i>EMBO</i> (2001) 20(23):6877-6888.	
	EC	Martinez et al., "Single-stranded antisense siRNAs guide target RNA cleavage in RNAi." <i>Cell</i> (2002) 110(5):563-574.	
	ED	Mellitzer et al., "Spatial and temporal 'knock down' of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos," <i>Mechanisms of Development</i> (2002) 118(1-2):57-63.	
	EE	Parrish et al., "Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference," <i>Molecular Cell</i> (2000) 6(5):1077-1087.	
	EF	Schwarz et al., "Evidence that siRNAs function as guides, not primers, in the <i>Drosophila</i> and human RNAi pathways," <i>Molecular Cell</i> (2002) 10(3):537-548.	
↓	EG	Tuschl et al., "Targeted mRNA degradation by double-stranded RNA in vitro," <i>Genes Dev</i> (1999) 13(24):3191-3197.	

Examiner Signature	/Tracy Vivlemore/	Date Considered	07/31/2008
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